REPORT NO. 78-3-21

FOREST INSECT AND DISEASE MANAGEMENT UNIT
U.S. FOREST SERVICE
DORAVILLE, GEORGIA

REPORT OF AERIAL DETECTION SURVEY

LAND OWNERSHIP OR SURVEY AREA: NATCHEZ TRACE PARKWAY (JACKSON SOUTH), DEPARTMENT OF INTERIOR, NATIONAL PARK SERVICE

STATE: MISSISSIPPI

AREA WITHIN SURVEY BOUNDARY: 13,928 ACRES

DATE: JULY 12, 1978

PERCENT COVERAGE: 100%

AIRCRAFT: CESSNA 182

CREW: B. I. HAMMOND, R. TILLOTSON, W. A. CAROTHERS

REPORT PREPARED BY: W. A. CAROTHERS

SURVEY OBJECTIVES: TO DETECT THE PRESENCE OF FOREST INSECTS OR DISEASES ADVERSELY AFFECTING THE SCENIC NATCHEZ TRACE PARKWAY AND ADJACENT FEDERAL LAND.

SURVEY RESULTS

1. SIXTEEN SPOTS OF DYING PINE TREES WERE OBSERVED (REFER TO MAP).

2. THE NUMBER OF DYING TREES PER SPOT RANGED FROM 1-10.

3. ONE AREA OF APPROXIMATELY 100 DEAD AND DYING HARDWOODS CAUSED BY APPARENT HIGH WATER DAMAGE AND SITE DISTURBANCE WAS OBSERVED.

CONCLUSIONS

SOUTHERN PINE BEETLE ACTIVITY WAS FOUND IN LOCALIZED AREAS ALONG THE PARKWAY. ACTIVE SOUTHERN PINE BEETLE SPOTS CHARACTERIZED BY RED AND FADING PINES WERE OBSERVED. IN GENERAL, MOST OF THE SPOTS WERE INACTIVE. FIELD SURVEILLANCE BY NATIONAL PARK SERVICE PERSONNEL SHOULD CONTINUE TO AID IN THE EARLY DETECTION OF INSECT AND DISEASE PROBLEMS.

FOR ANY ADDITIONAL INFORMATION, CONTACT:

FOREST INSECT & DISEASE MANAGEMENT UNIT, S&PF
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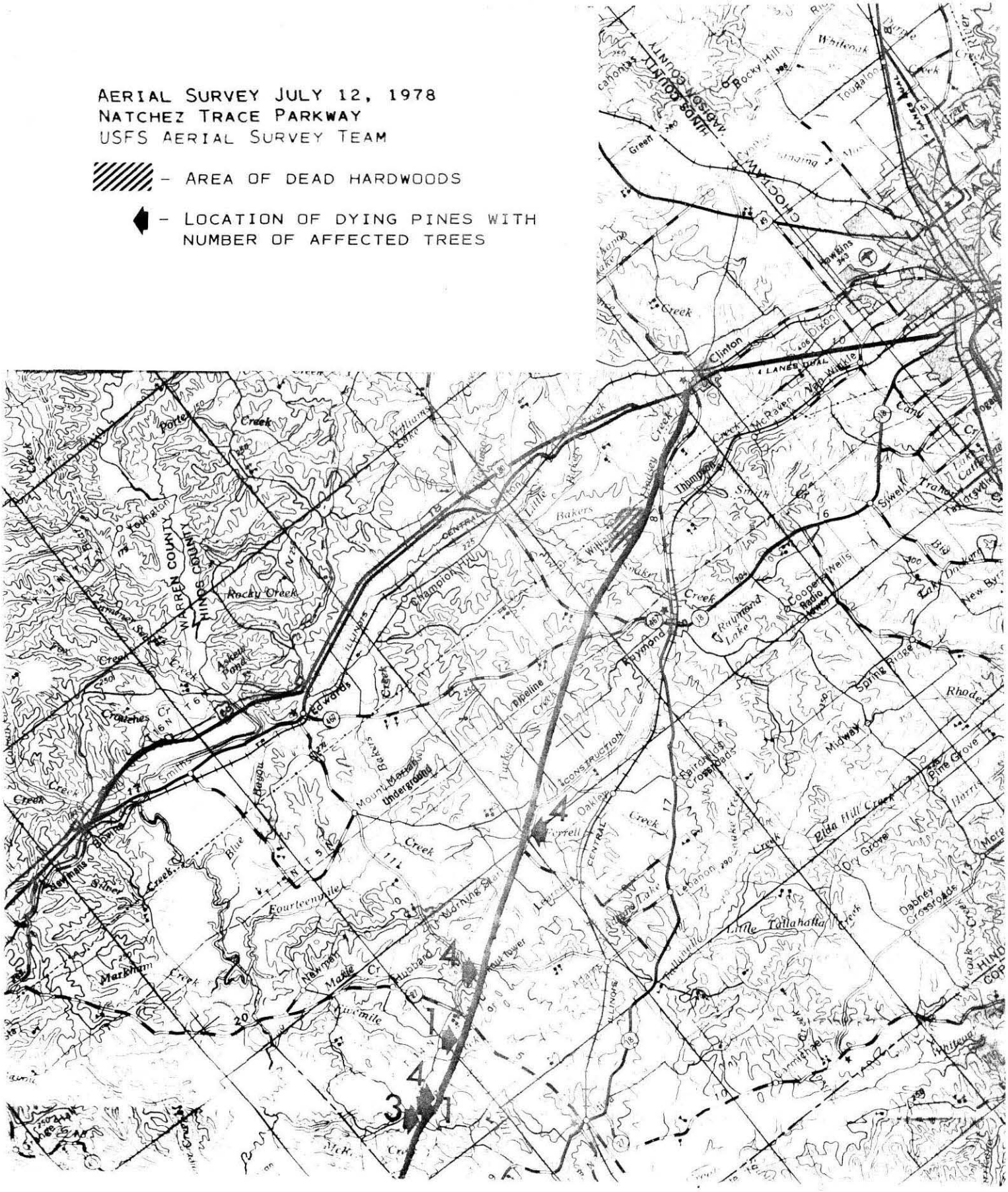
DORAVILLE, GA 30340
TELEPHONE: 404-221-4796

OR 2500 SHREVEPORT HIGHWAY
PINEVILLE, LA 71360
TELEPHONE: 318-445-6511

AERIAL SURVEY JULY 12, 1978
NATCHEZ TRACE PARKWAY
USFS AERIAL SURVEY TEAM

- AREA OF DEAD HARDWOODS

- LOCATION OF DYING PINES WITH NUMBER OF AFFECTED TREES


HINDS COUNTY
WARREN COUNTY
Clinton
Raymond
Edwards
Champion Hill
Rocky Creek
Mount Moriah
Underground
Fourteenmile
Morning Star
Bethlehem
Pipeline
CONSTRUCTION
Little Tallahatta Creek
Bolda Hill Creek
Dry Grove
Midway
Spring Ridge
Pine Grove
Dabney Crossroads
Fairfields Crossroads
LeRanon
Raymond Lake
Cooper Wells
Radio Tower
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Natchez Trace Parkway
Rocky Hill
Whiteoak
Toudaloo
Dixon
Thompson
Smith
Sywell
Bakers
Williams
Porter
Toughton
Askew Pond
Crotches
Smiths
Blue
Silver
Markham
Newman
Middle
Fivemile
Hubbard
Adams
Carmichael
Oakley
Farrell
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Rankin
Simpson
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Kemper
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Attala
Choctaw
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Montgomery
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Yazoo
Sunflower
Leflore
Tallahatchie
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Tunica
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Washington
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Calhoun
Chickasaw
Pontotoc
Lee
Itawamba
Monroe
Clay
Oktibbeha
Lowndes
Noxubee
Kemper
Winston
Neshoba
Newton
Scott
Smith
Jasper
Clarke
Wayne
Jones
Covington

Big Black River
WARREN COUNTY
CLAIBORNE COUNTY
Lake Karnac
Ferry
Big Bogue Chitto
Kenlaw Creek
Dishpan Lake
PARISH
CHOCTAW
COUNTY
JEFFERSON
Bayou
Creek
Cem
Church
Light
Mills
Ferry
Landing
Duke
Myles
Bluff
Spring
Branch
Fork
Hills
Ridge
Trace
Shiloh
Cemetery
Gravel Pit
Tank
Tower
Pond
Dam
Levee
Canal
Ditch
Road
Trail
Bridge
Church
School
Post Office
Store
Mill
Oil Well
Gas Well
Pipeline
Power Line
Telephone Line
Fence
Boundary
Township
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Quadrangle
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Contour
Elevation
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Perimeter
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Corner
Monument
Marker
Benchmark
Triangulation
Station
Survey
Control
Point
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Deflection
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Adjustment
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Method
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Post
Pole
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Antenna
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Satellite
Receiver
Transmitter
Transceiver
Modem
Router
Switch
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Server
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Network
Internet
Protocol
Address
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System
Database
Table
Record
Field
Query
Report
Form
Interface
User
Password
Login
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Singularity
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Particle
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Kendo
Fencing
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Hunting
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Trapping
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Candy
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Natchez Island
Cloverdale Plantation
Substation
Underground pipeline
Underground Oil wells
Oil wells
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Gum Oil Field
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